

Office Action Summary	Application No. 10/521,371	Applicant(s) KRUIDERING, RALPH	
	Examiner James Mackey	Art Unit 1722	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-8 and 10 is/are pending in the application.
4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-8 and 10 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 12 January 2005 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|--|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date ____ | 6) <input type="checkbox"/> Other: ____ |

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1. The abstract of the disclosure is objected to because of the inclusion of the legal phraseology "means". Correction is required. See MPEP § 608.01(b).

Applicant should submit a corrected Abstract **on a separate sheet** in response to the above objection.

2. Applicant is reminded of the proper language and format for an abstract of the disclosure.

The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 150 words. It is important that the abstract not exceed 150 words in length since the space provided for the abstract on the computer tape used by the printer is limited. The form and legal phraseology often used in patent claims, such as "means" and "said," should be avoided. The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

The language should be clear and concise and should not repeat information given in the title. It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

3. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

4. Claim 7 is rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention.

The original disclosure does not adequately describe a circular cylinder on either side of the ribs, as is claimed in claim 7. The drawing Figure 3 appears to show a circular cylindrical bore on either side of the ribs, but a bore is not a cylinder.

5. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

6. Claims 1-8 and 10 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

In claim 1, line 7, "arranged between the frame and a mold part" should apparently be --arranged between the frame and the first mold part--, since lines 7-8 require that the aligning means "displace the free end face of the first mold part" and therefore the aligning means must be connected to the first mold part; line 8, "the free end face of the first mold part" lacks proper antecedent basis in the claim; lines 8-9, "the free end face of the second mold part" lacks proper antecedent basis in the claim; line 9, a comma should be inserted before "said aligning means"; and line 13, "which ribs end at a central opening" is indefinite as to exactly where the ribs end and indefinite as to exactly where the central opening is located and in which structural element the central opening is provided.

In claim 3, "the radially outer side" lacks proper antecedent basis and is indefinite as to which structural element is being referred to and where the "outer side" is located relative to the other structural elements of the claimed device.

In claim 5, "the radial axis" lacks proper antecedent basis in the claim; and "the end boundary" lacks proper antecedent basis and is indefinite as to exactly where "the end boundary" is located.

In claim 6, the parenthetical expression is improper for the claims.

In claim 10, line 2, , "the free end face of said mold part" lacks proper antecedent basis in the claim; line 3, "the free end face of a further mold part" lacks proper antecedent basis in the claim; line 5, "the vertical axis" lacks proper antecedent basis in the claim; and line 7, "which

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ribs end at a central opening” is indefinite as to exactly where the ribs end and indefinite as to exactly where the central opening is located and in which structural element the central opening is provided.

7. Claims 1-8 and 10 would be allowable if rewritten or amended to overcome the rejection(s) under 35 U.S.C. 112, 2nd paragraph, set forth in this Office action.

The prior art of record does not teach or fairly suggest a mold part provided with aligning means arranged on the mold part in order to displace the free end face of the mold part, the aligning means comprising at least two ribs which lie in line with one another and extend perpendicularly and radially with respect to a vertical axis in a plane, the ribs being connected to the mold part and also being connectable to a frame or mold displacement means, and wherein the ribs end at a central opening, as claimed in claim 10; nor does the prior art of record teach or fairly suggest an injection molding device including such a mold part and aligning means, as claimed in claim 1.

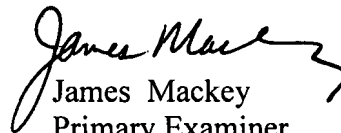
8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Each of Wimbauer (U.S. Patent 5,762,984), Urbanek (U.S. Patent 6,068,463) and Urbanek et al. (U.S. Patent 6,113,383) discloses an injection molding device including mold aligning means comprising a rib interconnecting a mold platen and either a frame or a mold displacement means; however, none of the prior art of record teaches or suggests the claimed aligning means comprising two ribs which lie in line with one another and extend perpendicularly and radially with respect to a vertical axis in a plane, the ribs being connected to the mold part and also being connectable to a frame or mold displacement means, and wherein the ribs end at a central opening, as claimed.

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9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to James Mackey whose telephone number is 571-272-1135. The examiner can normally be reached on M-F, 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dr. Yogendra Gupta can be reached on 571-272-1316. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


James Mackey
Primary Examiner
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9/4/07

jpm
September 4, 2007